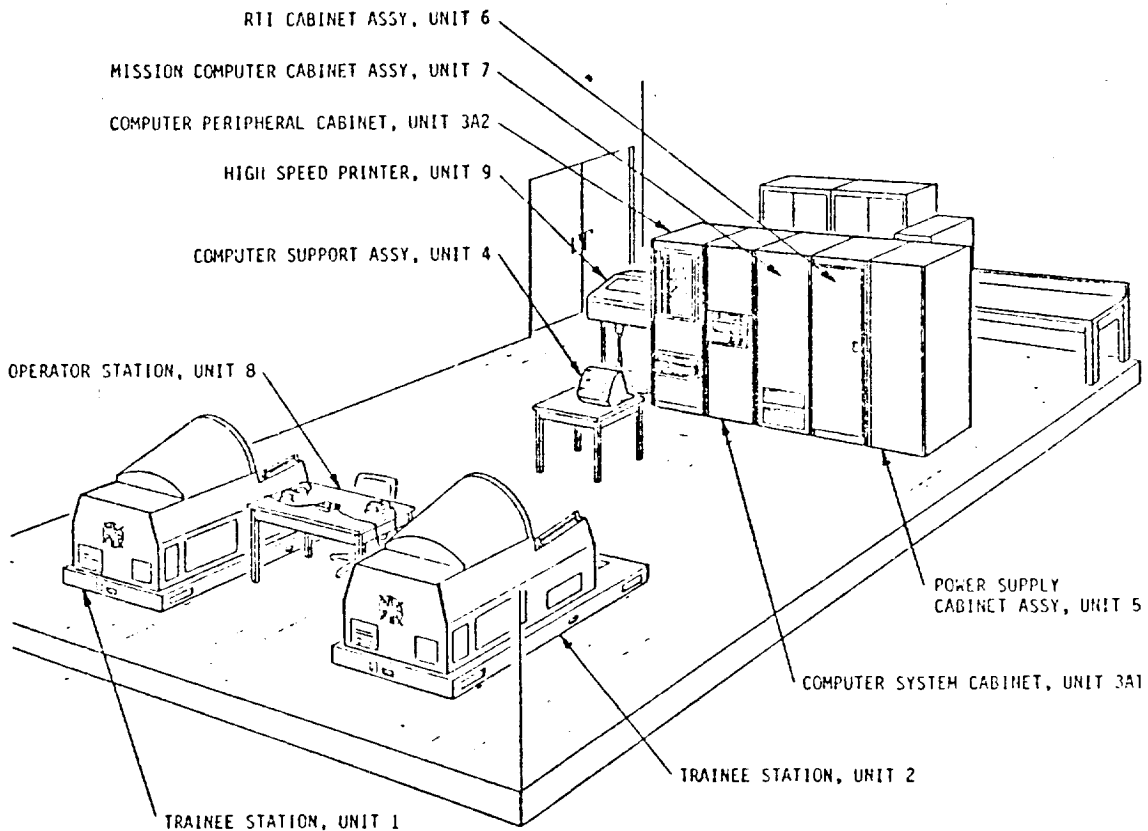


SUMMARY OF
F/A-18 PART TASK TRAINER

DEVICE 15C13



TRAINING CATEGORY:

Aircraft

ORIGINATING AGENCY:

CNO/AIR

SECURITY CLASSIFICATION OF DEVICE:

Device 15C13 is unclassified.

PURPOSE OF DEVICE:

Device 15C13 is a Part Task Trainer for the F/A-18 aircraft. To provide orientation, familiarization with the "Hands-On-Throttle-And-Stick" (HOTAS) controls, limited radar intercept geometry and an introduction to the basic capabilities of the combined use of HOTAS, the Up Front Control (UFC), the Master Monitor Display (MMD), the

Multi-Function Display (MFD), the Electronic Horizontal Situation Indicator (EHSI), the Heads Up Display, and the armament panel.

FUNCTIONAL DESCRIPTION:

Device 15C13 consists of the following:

- Simulation Computer System
- RTI Cabinet
- AC Power Cabinet
- Mission Computer Cabinet
- Two Cockpits
- Two Storage Cabinets, one File Cabinet, one Work Bench
- Operator Station and Chan with two Portable Control Terminals (PCT's)

The Simulation Computer System consists of:

- Gould SEL CPU 32/77
- Magnetic Tape/Disk Cabinet
- Line Printer
- Card Reader

The Mission Computer Cabinets houses four AN/AYK 14 Mission Computers.

The RTI Cabinet contains electronics which provides for interface between the Simulation Computer and the Cockpits.

PHYSICAL INFORMATION: See Table 1

POWER REQUIREMENTS:

120/208 volt, 3 phase 60 Hz, 4 urie, 75 amp.

120 VAC 1 phase, 20 amp (for Maintenance Area)

PUBLICATIONS FURNISHED: See Table 2

PERSONNEL:

This trainer accommodates two trainees simultaneously. It may be utilized with or without an instructor.

CONTRACT IDENTIFICATION:

Manufactured by Gould Simulation Systems Incorporated under NTEC Contract N61339-79-C-0121.